

FIG. 1

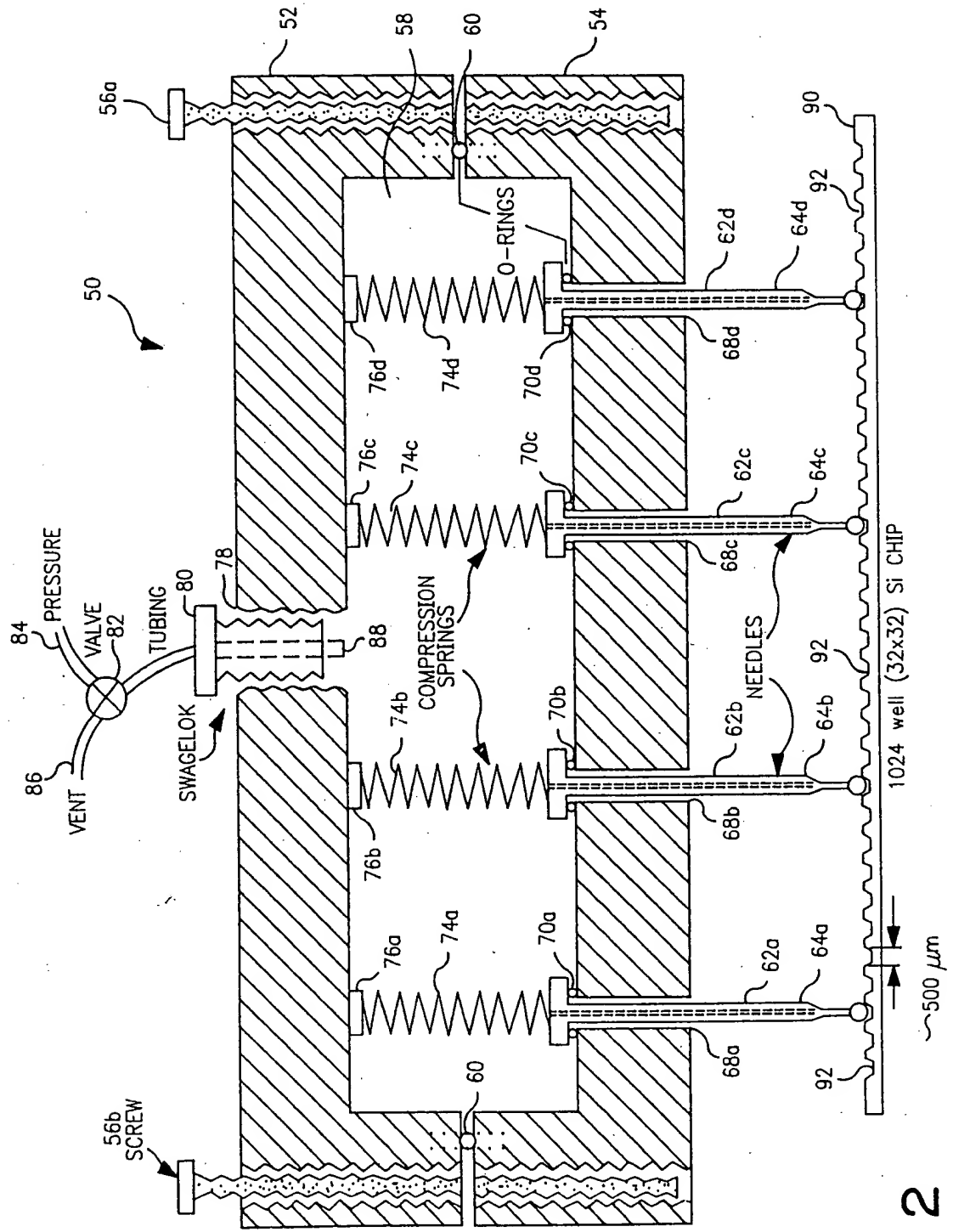


FIG. 2

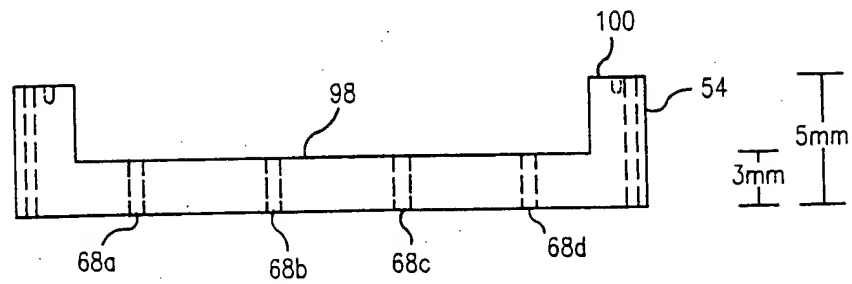


FIG. 3

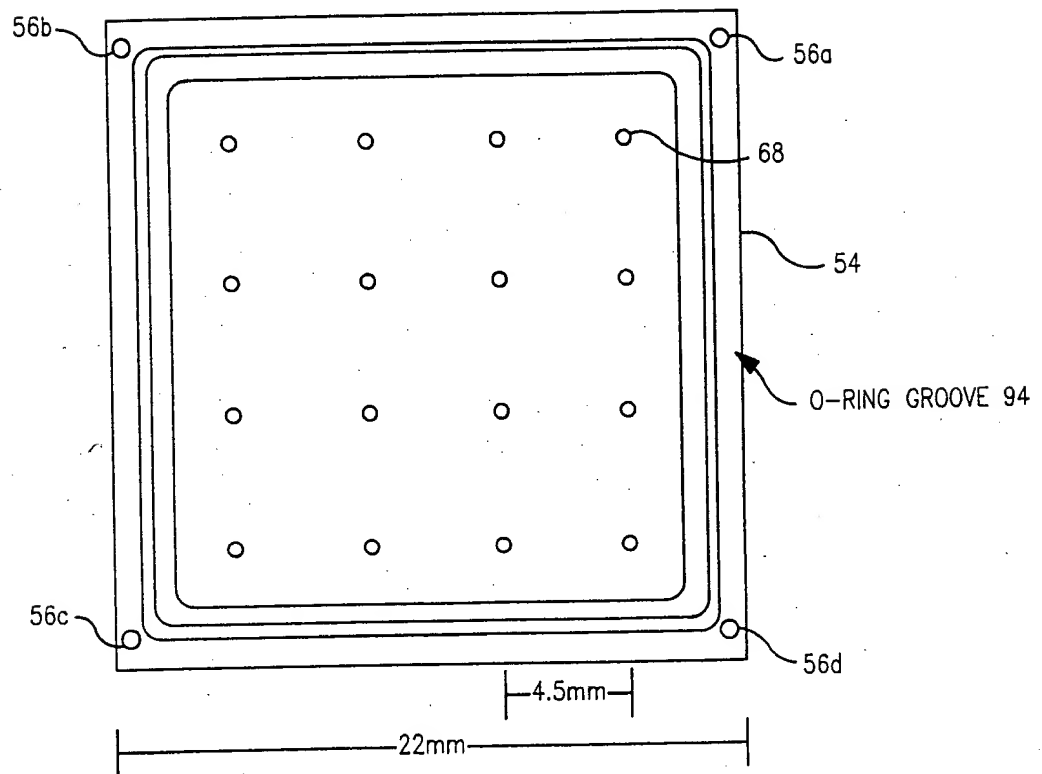


FIG. 4

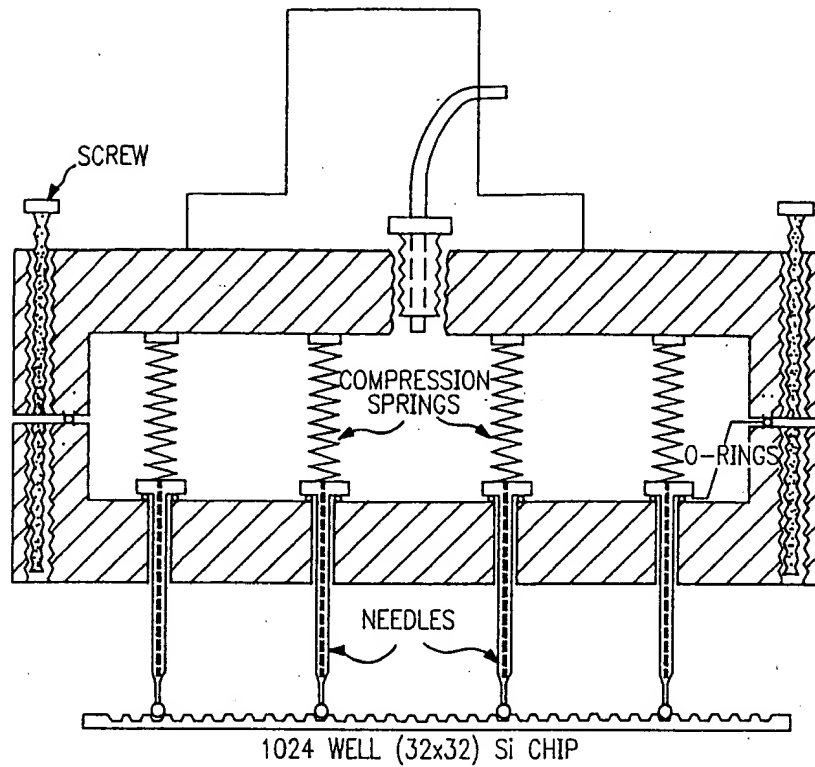


FIG. 5A

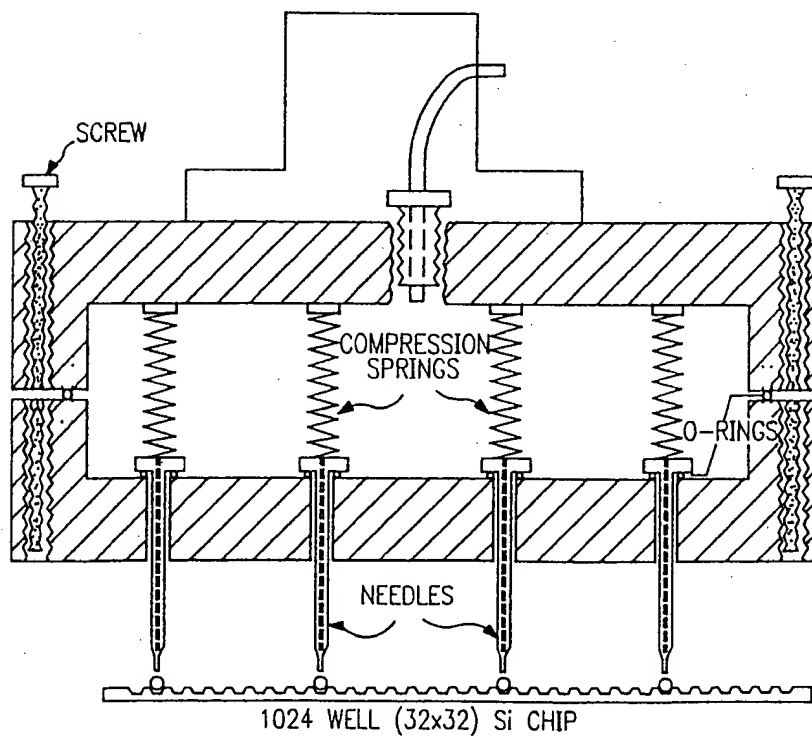


FIG. 5B

201101-886987-00

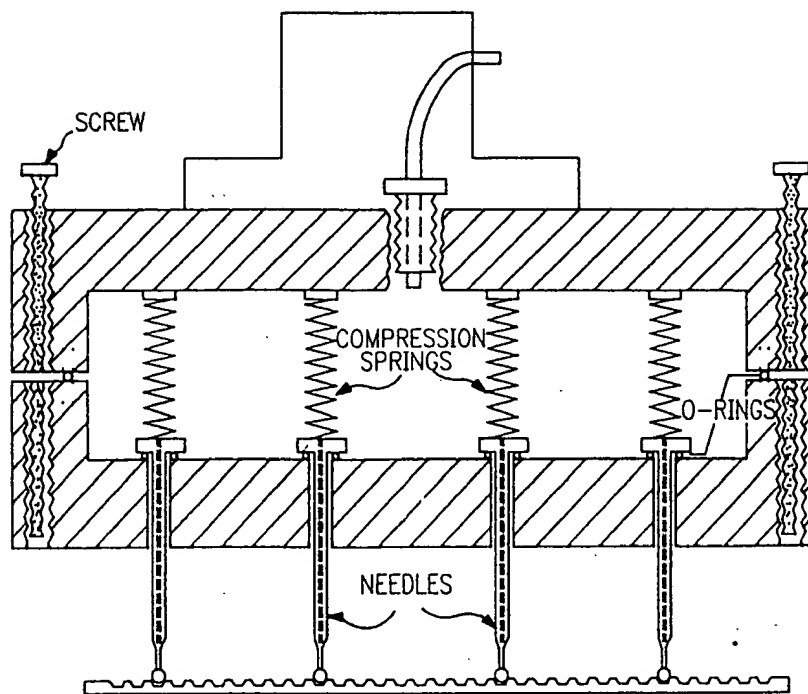


FIG. 5C

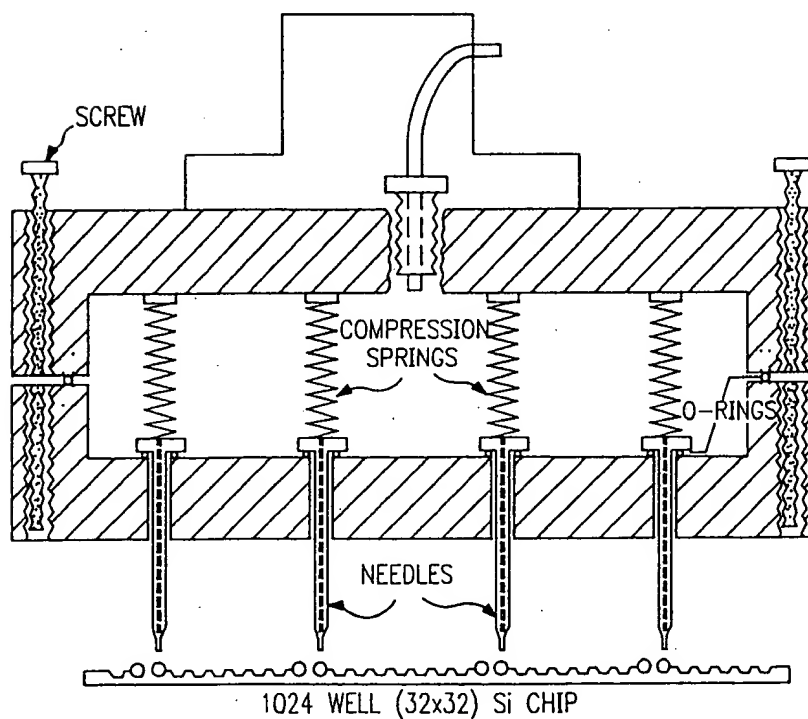


FIG. 5D

08786988-01102

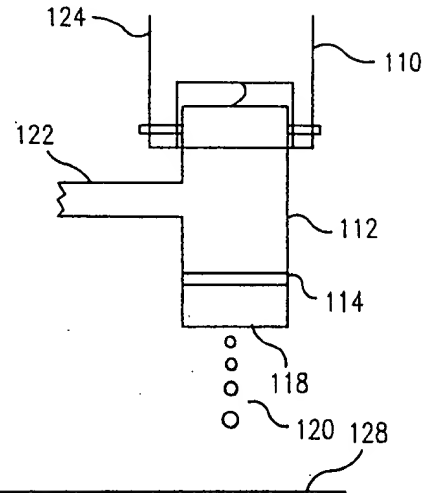


FIG. 6A

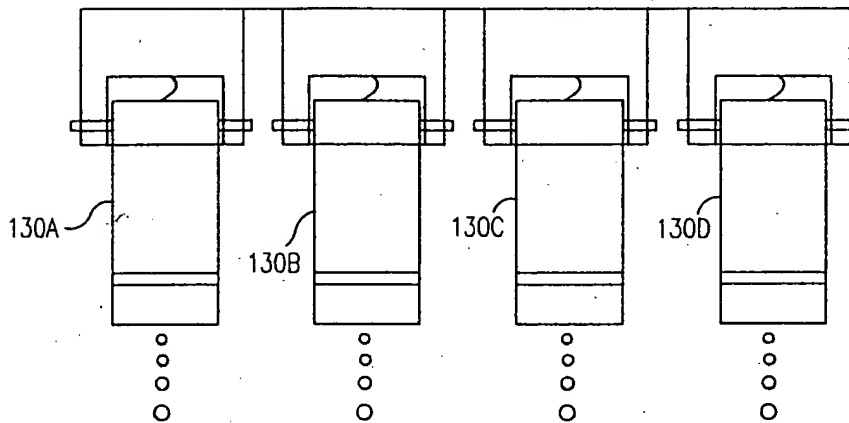


FIG. 6B

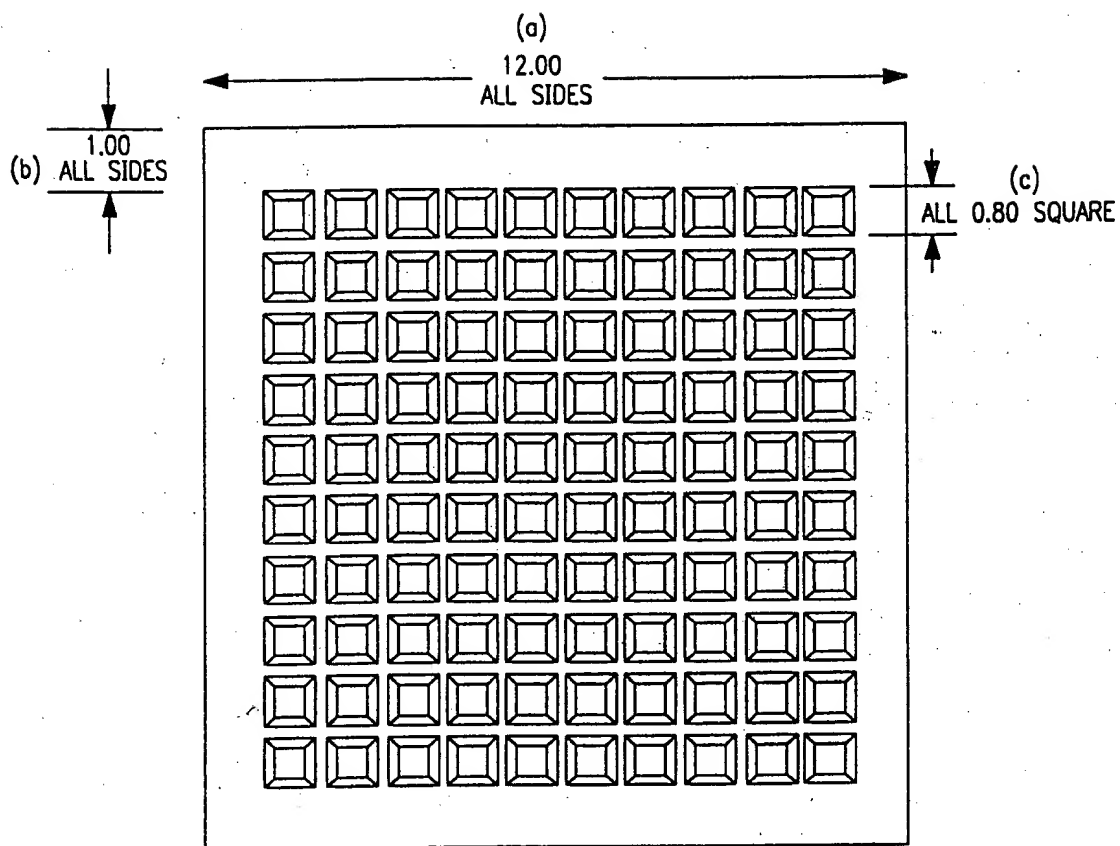


FIG. 7

23-MER (6nL of 1.4uM = 8.6fmol)
 10x10 850x850um (99um DEPTH) WELLS.

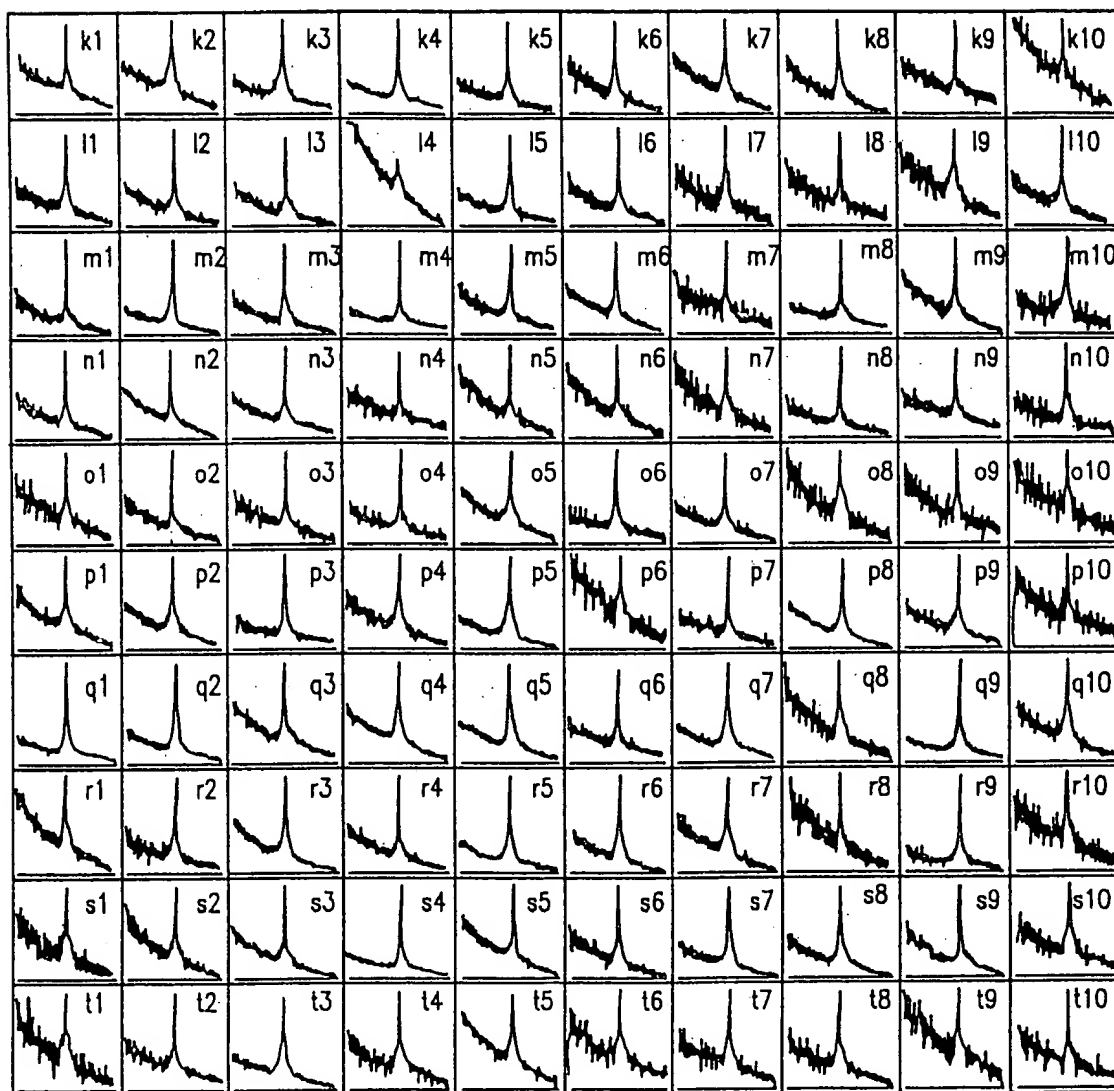


FIG. 8

08786988-01.102

| | | | | | | | | | |
|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|
| k1 6968 Da 170 RP | k2 6968 Da 100 RP | k3 6988 Da 90 RP | k4 6977 Da 100 RP | k5 6971 Da 170 RP | k6 6968 Da 110 RP | k7 6972 Da 160 RP | k8 6978 Da 110 RP | k9 6952 Da 250 RP | k10 6965 Da 300 RP |
| l1 6965 Da 130 RP | l2 6989 Da 140 RP | l3 6982 Da 210 RP | l4 6996 Da 50 RP | l5 6982 Da 160 RP | l6 6968 Da 180 RP | l7 6984 Da 130 RP | l8 6968 Da 200 RP | l9 6996 Da 80 RP | l10 6968 Da 100 RP |
| m1 6966 Da 190 RP | m2 6979 Da 120 RP | m3 6975 Da 120 RP | m4 6968 Da 190 RP | m5 6976 Da 110 RP | m6 6986 Da 120 RP | m7 6973 Da 160 RP | m8 6978 Da 160 RP | m9 6975 Da 230 RP | m10 6955 Da 250 RP |
| n1 6961 Da 340 RP | n2 6971 Da 180 RP | n3 6970 Da 150 RP | n4 6960 Da 300 RP | n5 6985 Da 120 RP | n6 6953 Da 210 RP | n7 6971 Da 140 RP | n8 6962 Da 160 RP | n9 6957 Da 150 RP | n10 6960 Da 160 RP |
| o1 6965 Da 140 RP | o2 6960 Da 230 RP | o3 6976 Da 200 RP | o4 6953 Da 250 RP | o5 6983 Da 110 RP | o6 6967 Da 250 RP | o7 6970 Da 150 RP | o8 6973 Da 70 RP | o9 6953 Da 140 RP | o10 6952 Da 140 RP |
| p1 6976 Da 140 RP | p2 6981 Da 90 RP | p3 6972 Da 180 RP | p4 6969 Da 90 RP | p5 6984 Da 130 RP | p6 6968 Da 100 RP | p7 6958 Da 290 RP | p8 6981 Da 100 RP | p9 6978 Da 110 RP | p10 6965 Da 150 RP |
| q1 6976 Da 170 RP | q2 6985 Da 100 RP | q3 6990 Da 120 RP | q4 6989 Da 90 RP | q5 6984 Da 90 RP | q6 6969 Da 170 RP | q7 6979 Da 70 RP | q8 6968 Da 140 RP | q9 6973 Da 120 RP | q10 6950 Da 120 RP |
| r1 6966 Da 130 RP | r2 6960 Da 150 RP | r3 6969 Da 100 RP | r4 6964 Da 180 RP | r5 6966 Da 130 RP | r6 6970 Da 110 RP | r7 6972 Da 90 RP | r8 6939 Da 130 RP | r9 6951 Da 230 RP | r10 6965 Da 200 RP |
| s1 6963 Da 130 RP | s2 6953 Da 210 RP | s3 6970 Da 120 RP | s4 6971 Da 170 RP | s5 6957 Da 130 RP | s6 6956 Da 160 RP | s7 6966 Da 140 RP | s8 6975 Da 120 RP | s9 6951 Da 230 RP | s10 6969 Da 120 RP |
| t1 6974 Da 90 RP | t2 6958 Da 160 RP | t3 6959 Da 120 RP | t4 6952 Da 100 RP | t5 6959 Da 110 RP | t6 6954 Da 100 RP | t7 6950 Da 160 RP | t8 6974 Da 140 RP | t9 6967 Da 150 RP | t10 6950 Da 230 RP |

LASER POWER = 41000 FOR ALL SPECTRA.
 EACH SPECTRUM THE SUM OF 10-30 SINGLE SHOTS.

FIG. 9